



# RoHan atalysis

**SDG GRADUATE SCHOOL**

## ROHAN - ROSTOCK-HANOI DAAD SDG GRADUATE SCHOOL – PHASE II

CATALYSIS AS KEY TOWARDS SUSTAINABLE RESOURCE MANAGEMENT  
Bilateral Cooperation Rostock - Hanoi

**Call for Asia Applications 2021**  
**Full PhD (3 years) in Hanoi, Vietnam**  
**including a 6 month stays in Germany, Rostock**

### What is RoHan?

The project RoHan is part of a new DAAD scheme, generously funded by the Federal Ministry for economic co-operation and development (BMZ), on the implementation of “SDG Graduate Schools”. The University of Rostock and the Leibniz Institute for Catalysis as well as the Hanoi University of Science and Technology (HUST) and the VNU University of Science co-operated to implement the ROHAN Graduate School from 2016 till 2020. In the second phase, from 2021 till 2025, the collaboration will establish a German-Vietnamese Center for Catalysis (GeViCat). The aim of the project is to foster the development and establishment of catalysis technologies and processes through the training of qualified Vietnamese scientists able to assume leadership positions in both industry and academia. Focusing on rightful high-quality education and promoting life-long learning opportunities for all, as well as promoting gender equality and empowering women could have a strong impact on the achievement of the Sustainable Development Goals in 2030.

### What are the aims of RoHan?

Based on the SDGs – UN Sustainable Development Goals:

- development and well-being in economic, social, and technological terms (improvement of the living conditions, training of qualified persons)
- environmental protection, e.g. through sustainability in consumption and production and sustainable resource management in tackling climate change, access to sustainable energy
- establishment of a global partnership for sustainable development





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## Which are the research topics?

- Catalyst for water treatment, gas purification and post-process gaseous waste treatment
- Catalysis for chemical and energy conversion
- Catalysts for mitigation of the effects of human activities on the environment
- Sustainable materials

## Who can apply for a scholarship?

All Asia PhD students who has just enrolled or will be soon enrolled at

1. School of Chemical Engineering, School of Environmental Science and Technology or related schools at Hanoi University of Science and Technology (HUST),
2. Faculty of Chemistry of the VNU University of Science (VNU-HUS)

can apply for scholarships to undertake doctorate studies at the **GeViCat centre in Hanoi**.

## What does the scholarship cover?

The scholarship for awardees covers the travel expenses (if the awardees live outside of Hanoi before start the program), health insurance, and a monthly grant of 500€. It is expected to work full time during the scholarship. Further expenses are expected to be cover by the scholarship holder.

## How to apply?

The application should include: Letter of Motivation (1 page), full Curriculum vitae with transcript of records and marks, a project proposal (see template on the website), and a supervision agreement from research group leader in GeViCat centre. A list of GeViCat/RoHan mentors is found on the RoHan web page. It is recommended that a mentor in Rostock should be indicated in the project proposal or letter of motivation since there will be 6-month period that the awardee will do research in Rostock with a Rostock mentor. A certificate of language proficiency is highly recommended (proficiency in English is mandatory). It should be indicated in letter of motivation or project proposal that an English thesis, at least 2 publications in indexed (ISI/Scopus/WoS) journals should be submitted and a defence at HUST or VNU-HUS is expected at the end of the research period.

Send your application to [application@rohan-sdg.com](mailto:application@rohan-sdg.com) before the  
**30<sup>th</sup> of April 2021**

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